

Docket No. BVARR.001

ABSTRACT OF THE DISCLOSURE

CUSTOMIZABLE ELEMENT MANAGEMENT SYSTEM AND METHOD USING ELEMENT MODELING AND PROTOCOL ADAPTERS

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10 A customizable element management system and method
are provided. The system and method provide a flexible
and customizable element management system (EMS) through
the use of Universal Modeling Language (UML) models for
each of the elements of the EMS. A library of base
information models are provided for various application
network services, network equipment, equipment adapters,
and the like. Customized versions of these base
information models may be generated by simply modifying
15 one or more components of the base information model and
incorporating any business logic into the base
information model. The customized models may then be
"plugged into" the EMS framework after having
incorporated an appropriate adapter for handling
20 translation of native protocols to an EMS standardized
framework protocol.